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## EUROPEAN PATENT APPLICATION

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### Remarks:

THE COMPLETE DOCUMENT INCLUDING  
REFERENCE TABLES AND THE SEQUENCE  
LISTING IS AVAILABLE ON CD-ROM FROM THE  
EUROPEAN PATENT OFFICE, VIENNA  
SUB-OFFICE.

### (54) Expressed sequence tags and encoded human proteins

(57) The sequences of 5' ESTs derived from mRNAs encoding secreted proteins are disclosed. The 5' ESTs may be used to obtain cDNAs and genomic DNAs corresponding to the 5' ESTs. The 5' ESTs may also be used

in diagnostic, forensic, gene therapy, and chromosome mapping procedures. Upstream regulatory sequences may also be obtained using the 5' ESTs. The 5' ESTs may also be used to design expression vectors and secretion vectors.

expressed sequence tag; selected protein; cDNA isolation

PD	06-SEP-2000.
XX	
XX	21-FEB-2000; JUGUF-320610.
XX	
FF	
PR	26-FEB-1999; 99US-0122487.
PR	
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PA	(GEST ) GENSET.
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PI	Dumas Milne Edwards J, Duclert A, Giordano J.
XX	
WP1	2000-500381/45.
DR	N-PSDB; AAC00310.
XX	New nucleic acid that is a 5' expressed sequence tag (5' EST) for obtaining cDNAs and genomic DNA that correspond to 5' ESTs and for diagnostic, forensic, gene therapy and chromosome mapping procedures.
PT	
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The present sequence is a polypeptide encoded by one of a large number of 5' ESTs derived from mRNAs encoding secreted proteins. The 5' ESTs were prepared from total human RNAs or polyA+ RNAs derived from 30 different tissues. EST sequences usually correspond mainly to the 3' untranslated region (UTR) of the mRNA because they are often obtained from oligo-dT primed cDNA libraries. Such ESTs are not well suited for isolating cDNA sequences derived from the 5' ends of mRNAs and even in those cases where longer cDNA sequences have been obtained, the full 5' UTR is rarely included. 5' ESTs are derived from mRNAs with intact 5' ends and can therefore be used to obtain full length cDNAs and genomic DNA. 5' ESTs are also used in diagnostic, forensic, gene therapy and chromosome mapping procedures. They are used to obtain upstream regulatory sequences and to design expression and secretion vectors.

RESULT<sup>3</sup>  
ABP31577  
ID ABP31577 standard; Protein; 87 AA.  
XX  
AC ABP31577;  
AR

XX Human glycoprotein-like ORF550 protein, SEQ ID NO:1106.  
XX Human, ORF; open reading frame; CREFX; drug screening; diagnosis;  
XX disease monitoring; cytokine; cell proliferation; cell differentiation;  
XX immune modulation; haemopoiesis regulation; tissue growth;  
XX angiogenesis; activin; inhibit; chemokinetic; haemostatic;  
XX tumour inhibition; bodily characteristic; fertility;  
XX behaviour; cancer; proliferative disorder; neurological disorder;  
XX cardiovascular disease; immune system disorder; organ transplantation;  
XX tissue growth disorder; tissue regeneration disorder; diabetes mellitus;  
XX hypothyroidism; cholesterol ester storage disease; infection; vulinary;  
XX seborrhea; anticoagulant; antidiabetic; antidiuretic; necrotic;  
XX seborrhea; anticoagulant; antidiabetic; antidiuretic; necrotic;